

IN THE SPECIFICATION:

Please amend the paragraph beginning on page 8, line 3 as follows.

-- The fuel metering valve 25 includes the main valve stem 26 and is configured so that ~~so that~~ when the stem is in the open position, only a measured amount of fuel is dispensed through the outlet. It is preferred that the fuel metering valve 25 is configured so that the main valve stem 26 is in the open position only when fuel is being dispensed to the tool.--

Please amend the paragraph beginning on page 8, line 19 as follows.

-- In the present fuel cell 10, the fuel metering chamber 38 is exposed to the hydrocarbon fuel upon filling, and as such is constantly exposed to the hydrocarbons, which reduces the possibility of dimensional change. A chamber body 40 partially defines the fuel metering chamber 38 and sealingly engages a main or outlet seal 42 for preventing unwanted leakage. Thus, in the preferred embodiment, the chamber body 40 is separated from the closure 16 by the main seal 42. A second component 44 of the chamber body 40 includes a generally flexible, radially inwardly projecting lip 46 which, acting as a lip seal, slidingly and wipingly engages the reciprocating main valve stem 26. While the first and second components 40, 44 are shown as separate pieces, it is contemplated that they may be provided in unitary format depending on the application. It is also contemplated that the material used to form second component 44 may be made of a different material from the main portion of the

chamber body 40, for example in situations where a more chemically or environmentally resistant material is needed to withstand the detrimental effects of the fuel. In addition, it is contemplated as a feature of the present metering valve 25 that the location and construction of the fuel metering chamber 38 are such that dimensions of the chamber body 40 may be changed to alter the fuel dosage volume emitted from the outlet 28, for example to suit particular application conditions. The change may be accomplished by merely replacing the chamber body 40 with another body having a different volume. Also, with such a change, the main seal 42 is not changed or tampered with. This alteration of the dosage volume is contemplated as being performed by the manufacturer, not the user.--

Please amend the paragraph beginning on page 15, line 12 as follows.

-- More specifically, and referring now to FIG. 5, included in the adapter 90 is an inline actuator is generally designated 102 which functions so that movement of the workpiece contact element 94 causes the linkage 96 and the actuator arm 98 to depress or retract the main valve stem 26 for fuel delivery. More specifically, the actuator arm 98 pivots about a pivot point 104 and at an opposite end is moved by at least one of the linkage 96 or the workpiece contact element 94. A thumb-like actuator lug 106 on the arm 98 engages an injector cartridge 108 which functions as a trigger. Upon axial depression by the lug 106, the injector cartridge 108 is axially depressed relative to a housing enclosure 110

and against a biasing force generated by a cartridge spring 112 or other biasing element. In the preferred embodiment, the pivot point 104 is located on the housing enclosure 110, but other locations on the tool 86 are contemplated. Also, it is preferred that the housing enclosure 110 be made of plastic which serves as an insulator to prevent vapor lock, a problem encountered with prior art combustion tools. Further, it is preferred that the injector cartridge 108 includes a wear point 114 configured of relatively rigid material such as hardened steel to receive the actuator lug 106 on a repetitive basis without deterioration. Reciprocation of the injector cartridge/trigger 108 causes retraction/opening of the main valve stem 26 to release the fuel stored in the metering chamber 38 for transmission through the fuel line 104 to the combustion chamber 88.--